

# Exploring Our Solar System and Beyond

Astrophysics · Answer Key · 10 Questions

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## 1. What is the largest planet in our solar system?

- A) Earth
- B) Mars
- C) Jupiter**
- D) Saturn

## 2. Which planet is known as the 'Red Planet'?

- A) Venus
- B) Mars**
- C) Mercury
- D) Uranus

## 3. What is the closest star to Earth?

- A) Alpha Centauri
- B) The Sun**
- C) Proxima Centauri
- D) Sirius

## 4. Which of these is NOT a terrestrial planet?

- A) Earth
- B) Venus
- C) Jupiter**
- D) Mars

## 5. What is the name of the galaxy our solar system is in?

- A) Andromeda
- B) Messier 87
- C) Triangulum
- D) The Milky Way**

## 6. Which planet is famous for its prominent rings?

- A) Jupiter
- B) Uranus
- C) Saturn**
- D) Neptune

**7. What celestial bodies are made of ice and dust and orbit the Sun?**

- A) Asteroids
- B) Meteoroids
- C) Comets**
- D) Dwarf planets

**8. What force keeps planets in orbit around the Sun?**

- A) Magnetism
- B) Gravity**
- C) Inertia
- D) Friction

**9. What is the average surface temperature of the Sun?**

- A) 15 million °C
- B) 5,500 °C**
- C) 100 °C
- D) 200 °C

**10. Which is the hottest planet in our solar system?**

- A) Mercury
- B) Venus**
- C) Earth
- D) Mars